



TREE/SHRUB ESTABLISHMENT

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Conservation Practice Job Sheet

Landowner _____ Field No. _____

Purpose (check all that apply)	
<input type="checkbox"/> Establish woody plants for forest products	<input type="checkbox"/> Provide or enhance wildlife habitat
<input type="checkbox"/> Provide long term erosion control and improvement of water quality	<input type="checkbox"/> Create habitat for biological pest management
<input type="checkbox"/> Provide renewable energy production and energy conservation	<input type="checkbox"/> Improve or restore natural diversity
<input type="checkbox"/> Enhance waste treatment activities	
<input type="checkbox"/> Enhance the aesthetics of the area	<input type="checkbox"/> Increase net carbon storage in the vegetation and soil

Species to be Planted	Planting Material	Trees per acre	Spacing (ft.)	Field No.	Planting Method

Timing of Planting: _____

General Considerations:

1. Limit planting activities to December 1 through March 31 for seedlings or October 31 to March 31 for seeds.
2. Care must be taken that the seedlings and other plant materials come from a local seed source. Seedlings grown by the Arkansas Forestry Commission and other nurseries using local seeds are acceptable.
3. Species planted should be adapted to the soil-site conditions. Drainage adaptation is especially important as well as soil pH.
4. Sites with plow pans or compacted soils should be subsoiled prior to planting.
5. Do not plant when air temperatures are above 70 degrees F. or below 32 degrees F. or when soil is frozen, droughty, or flooded. Do not plant on very windy days.
6. Keep all types of planting stock, except those needed immediately for a supply during the planting operation, stored in a cool environment (preferably < 50 degrees F) out of direct sunlight and wind. Bag or box temperatures should not exceed 50 degrees F.

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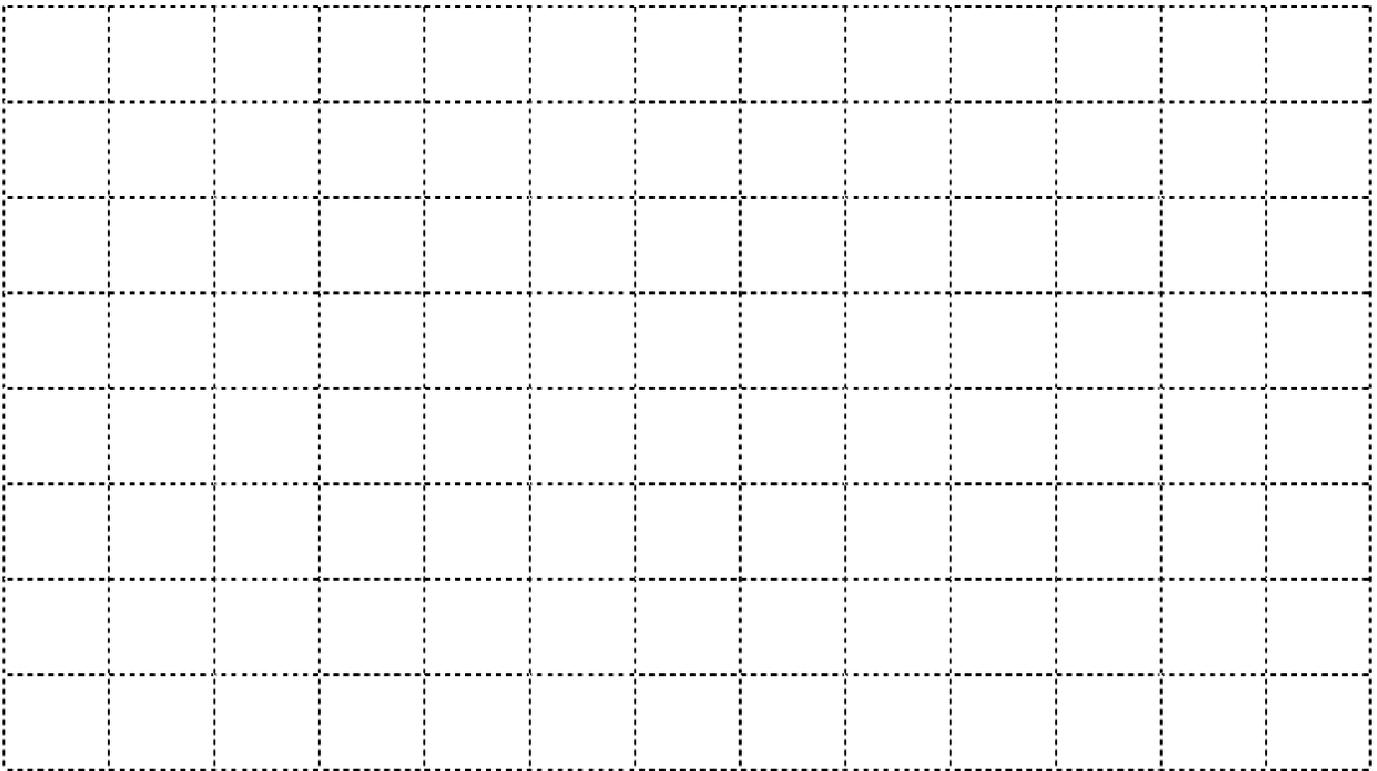
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7. If planting will be delayed for more than 5 days, keep seedlings in shipping container and place in cold storage (35-45 degrees F).
8. Never prune roots to less than 5 inches in length below root collar for pines or 8 inches for hardwoods.
9. Plant each seedling (hardwood or pine) slightly deeper (1-2 inches) than it grew in the nursery.
10. Spacings for timber production will result in a higher number of trees per acre than for other objectives of tree establishment. Wider spacings are generally better for wildlife habitat management.
11. Roots must be planted straight down and not twisted, balled, or U-shaped. Lean will not exceed 30 degrees.
12. The soil must be packed firmly around planted seedlings with no air pockets left in machine furrows or planting holes. Properly planted seedlings should resist gentle tugging pressure.
13. Exclude fire from all young plantations. Exclude grazing from all hardwood plantations and from pine plantations where the trees are shorter than six feet.
14. Newly planted pine stands may be susceptible to Pales weevils if planted less than six months after a harvest (Rule of Thumb = areas harvested after July 1 should not be planted the following winter).

If needed, an aerial view or a side view of the practice can be shown below. Other relevant information, complementary practices and measures, and additional specifications may be included.

Scale 1"= _____ ft. (NA indicates sketch not to scale: grid size=1/2" by 1/2")



Additional Specifications and Notes:
